

List of Teaching Activities

Prof. Dr. habil. Christoph Benzmüller

24th January 2022

- [teach1] C. Benzmüller. *Ethical Foundations of AI (Ethics of AI)*. Seminar, Summer 2021, 4 SWS. (with Sabina Ammon, Jessica Jesus de Pinho Pinhal, TU Berlin) Freie Universität Berlin, 2021.
- [teach2] C. Benzmüller. *Universal Logical Reasoning*. Invited Lecture Course (Part of course on Logic in AI). Zhejiang University, Hangzhou, China, 2020.
- [teach3] C. Benzmüller and N. Alsabah. *The Mind and the Future of AI*. Seminar, Summer 2020, 2 SWS. Freie Universität Berlin, 2020.
- [teach4] C. Benzmüller and B. Lomfeld. *Ethical and Legal Challenges in AI and Data Science*. Practice seminar, Summer 2020 (block course in autumn), 14.-25. Sep, 4 SWS. Freie Universität Berlin, 2020.
- [teach5] C. Benzmüller. *Künstliche Intelligenz (autumn block course)*. Autumn 2019, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2019.
- [teach6] C. Benzmüller. *Kurt Gödel: Philosophical Views*. Seminar, Winter 2018/19, 2 SWS. Freie Universität Berlin, 2019.
- [teach7] C. Benzmüller. *Normative Reasoning and Machine Ethics*. Seminar, Winter 2019/20, 2 SWS. Freie Universität Berlin, 2019.
- [teach8] C. Benzmüller. *Universal Logical Reasoning*. Winter 2018/19, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2019.
- [teach9] C. Benzmüller and C. Schommer. *Künstliche Intelligenz*. Summer 2019, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2019.
- [teach10] T. Gleissner and C. Benzmüller. *Softwareprojekt: Logik-Software*. Softwareprojekt, Winter 2018/19, 2 SWS. Freie Universität Berlin, 2019.
- [teach11] C. Benzmüller. *From computational metaphysics towards computational pseudo-ethics*. Bath IMI Thematic Semester (U Bath, UK): Algorithms, Accountability and Ethics in Machine Learning, 2018.
- [teach12] C. Benzmüller and C. Schommer. *Künstliche Intelligenz*. Summer 2018, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2018.
- [teach13] C. Benzmüller. (*Invited Tutorial*) *Automated Reasoning in Higher-order and Non-classical Logics*. Pontificia Universidade Católica do Rio Grande do Sul (PUCRS), Porto Alegre, Brasil, 2017.
- [teach14] C. Benzmüller. (*Invited Tutorial*) *Tutorial on Universal Logic Theorem Proving in HOL*. ILIAS group, University of Luxembourg, 2017.
- [teach15] C. Benzmüller. (*Invited Tutorial*) *Universal Logical Reasoning via Semantical Embeddings in HOL*. 2nd CLE Colloquium for Philosophy and History of Formal Sciences (CLE4Science), University of Campinas, Brasil, 2017.
- [teach16] C. Benzmüller. *KI-gestützte Pflege einer internationalen Schuldatenbank*. Softwareprojekt, Winter 2017/18, 2 SWS. Freie Universität Berlin, 2017.
- [teach17] C. Benzmüller. *WYSIWYG-Editor for Higher Order Logic (Projektseminar)*. Summer 2017, 2 SWS. Freie Universität Berlin, 2017.
- [teach18] C. Benzmüller and C. Ullrich. *Intelligente Lehr- und Lernsysteme*. Pro-/Seminar, Winter 2017/18, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2017.
- [teach19] C. Benzmüller. (*Central teaching award of FU Berlin*) *Computational Metaphysics*. Summer 2016, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2016.
- [teach20] C. Benzmüller. (*Invited lecture course*) *Computational Metaphysics*. Thematic trimester 'Current Issues in the Philosophy of Practice of Mathematics & Informatics', Centre International de Mathématiques et d'Informatique de Toulouse (CIMI), France, 2016.

- [teach21] C. Benz Müller. *(Invited tutorial) A Universal Logic Theorem Proving Approach*. Berkeley-Stanford Circle in Logic and Philosophy, San Francisco, USA, 2016.
- [teach22] C. Benz Müller. *(Invited Tutorial) Tutorial on Reasoning in Expressive Non-Classical Logics with Isabelle/HOL*. Second Global Conference on Artificial Intelligence (GCAI), Berlin, 2016.
- [teach23] C. Benz Müller and R. Rojas. *Künstliche Intelligenz*. Summer 2016, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2016.
- [teach24] C. Benz Müller, A. Steen and M. Wisniewski. *Interactive and Automated Theorem Proving for Non-Classical Logics*. Tutorial at GCAI-2016, 2016.
- [teach25] C. Benz Müller. *Expressive Logiken – Theorie, Mechanisierung, Anwendungen*. Winter 2014/15, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2015.
- [teach26] C. Benz Müller, P. Podlech, A. Steen and M. Wisniewski. *Entwicklung eines netzbasierten Editors zur Generierung von PDF-Dokumenten*. Winter 2014/2015, Softwareprojekt, 2 SWS. Freie Universität Berlin, 2015.
- [teach27] C. Benz Müller and R. Rojas. *Künstliche Intelligenz*. Summer 2015, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2015.
- [teach28] C. Benz Müller, A. Steen and M. Wisniewski. *Logik*. Summer 2015, Proseminar, 2 SWS, 5 ECTS. Freie Universität Berlin, 2015.
- [teach29] C. Benz Müller and B. Woltzenlogel Paleo. *(Invited lecture course) Higher-Order Modal Logics: Automation and Applications*. Logic Summer School, ANU Canberra, Australia, 2015.
- [teach30] C. Benz Müller and B. Woltzenlogel Paleo. *(Invited tutorial) Higher-Order Modal Logics: Automation and Applications*. Reasoning Web Summer School, 2015.
- [teach31] C. Benz Müller. *Expressive Klassische und Nichtklassische Logiken und deren Automatisierung*. Winter 2013/14, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2014.
- [teach32] C. Benz Müller. *Logik erster Stufe in Theorie und Praxis*. Winter 2013/14, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2014.
- [teach33] C. Benz Müller and R. Rojas. *Künstliche Intelligenz*. Summer 2014, block course, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2014.
- [teach34] C. Benz Müller. *Logik erster Stufe – Theorie und Praxis*. Winter 2012/13, 2+2 SWS, 5 ECTS. Freie Universität Berlin, 2013.
- [teach35] R. Rojas, C. Benz Müller and M. Block-Berlitz. *Technologien für Frage-Antwort-Systeme*. Winter 2012/13, 2 SWS, 4 ECTS. Freie Universität Berlin, 2013.
- [teach36] C. Benz Müller and G. Sutcliffe. *Working with Automated Reasoning Tools*. Block-Lecture September 2008, 2+2 SWS. Saarland University, 2008.
- [teach37] S. Autexier, C. Benz Müller and J. Siekmann. *Fortgeschrittenenpraktikum Deduktionssysteme*. I held the Fortgeschrittenenpraktikum regularly 2004–2007. Saarland University, 2007.
- [teach38] S. Autexier, C. Benz Müller and J. Siekmann. *Oberseminar AG Siekmann*. I held the Oberseminar regularly 2004–2007. Saarland University, 2007.
- [teach39] C. Benz Müller. *(Invited lecture course) Semantics of Higher-Order Logic*. Block-Lecture October 2007. IT University Copenhagen, 2007.
- [teach40] S. Autexier, C. Benz Müller and C. Brown. *Mathematical Assistant Systems Shootout*. Summer 2006. Saarland University, 2006.
- [teach41] C. Benz Müller. *(Invited lecture course) Automated Theorem Proving in Higher-Order Logics*. Summer 2006, 3+2 SWS. Technical University Darmstadt, 2006.
- [teach42] C. Benz Müller. *(Invited tutorial) Semantics of Higher-Order Logic*. Block-Lecture July/August 2006. ESSLLI Summer School in Logic, Language and Information, 2006.
- [teach43] C. Benz Müller and C. Brown. *Semantics and Mechanization of Classical Higher-Order Logic*. Winter 2005/06, 4+2 SWS. Saarland University, 2006.
- [teach44] S. Autexier, C. Benz Müller, C. Brown, A. Fiedler and C.-P. Wirth. *Mathematical Assistant Systems Shootout*. Summer 2005. Saarland University, 2005.
- [teach45] S. Autexier, C. Benz Müller, C. Brown and J. Siekmann. *Artificial Intelligence*. Summer 2005, 4+2 SWS. Saarland University, 2005.

- [teach46] S. Autexier, C. Benzmüller, A. Fiedler, J. Siekmann and C.-P. Wirth. *Mathematical Assistance Systems*. Winter 2004/05, 4+2 SWS. Saarland University, 2005.
- [teach47] C. Benzmüller. *Automated Theorem Proving in First-Order and Higher-Order Logic*. Summer 2004, 2+2 SWS. Saarland University, 2004.
- [teach48] C. Benzmüller, A. Fiedler and C.-P. Wirth. *Human-Oriented Theorem Proving: Foundations and Applications*. Winter 2003/04, 4+2 SWS. Saarland University, 2004.
- [teach49] C. Benzmüller, A. Fiedler and C.-P. Wirth. *Human-Oriented Theorem Proving: Foundations and Applications*. Summer 2003, 4+2 SWS. Saarland University, 2003.
- [teach50] C. Benzmüller, E. Melis and J. Siekmann. *Artificial Intelligence*. Summer 2003, 4+2 SWS. Saarland University, 2003.
- [teach51] C. Benzmüller and J. Siekmann. *Fortgeschrittenenpraktikum Deduktionssysteme*. I held the Fortgeschrittenenpraktikum regularly 2001–2003. Saarland University, 2003.
- [teach52] C. Benzmüller and J. Siekmann. *Oberseminar AG Siekmann*. I held the course regularly 2001–2003. Saarland University, 2003.
- [teach53] C. Benzmüller. *(Invited tutorial) From Natural Deduction Calculus to Sequent Calculus and back*. CAL-CULEMUS Autumn School in Pisa, 2002.
- [teach54] C. Benzmüller. *Automated Theorem Proving in First-Order and Higher-Order Logic*. Summer 2002, 2+2 SWS. Saarland University, 2002.
- [teach55] C. Benzmüller and J. Siekmann. *Künstliche Intelligenz*. Summer 2001, 4+2 SWS. Saarland University, 2001.
- [teach56] J. Siekmann and C. Benzmüller. *Künstliche Intelligenz*. Summer 1999, 4+2 SWS. Saarland University, 1999.